



RXL Series Datasheet

High Power Wirewound Resistor | Cables Connection
Aluminium Case

APPLICATIONS

Power & Energy

FEATURES

- Chassis mounting
- Excellent heat resistance
- Compact size Vs power rating
- RoHS and REACH Compliant

ORDERING CODE - Example

New SAP Part Nr.:

RXL	60A	J	B	-	AX-	130R	AA
Serie	Power rating	Tol.	Pack-Code	TCR	Forming type	R Value	Special
	40A = 40W 60A = 60W 100B = 100W 200B = 200W	J = ±5% K = ±10%	B = (Bulk)	- Base on spec.	AX- = Axial		AA = Standard

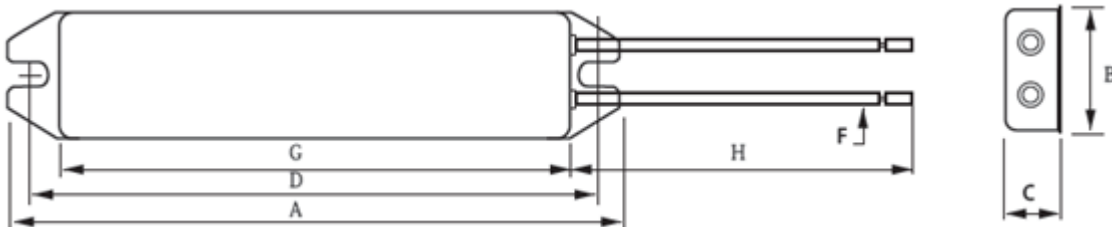
Historical VTM Part Nr.:

RXL60	5	B	130R
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ELECTRICAL SPECIFICATIONS

Type		RXL40A	RXL60A	RXL100B	RXL200B
Nominal Power Rating P_{70}^*	[W]	60	80	100	200
Resistance Value	[Ω]	1R ... 1K	1R ... 6K		
E-Series		E24			
Tolerance	±[%]	2 (G), 5 (J)			
Temperature Coefficient	±[10 ⁻⁶ K ⁻¹]	200			
Working Temperature Range	[°C]	-55 ... +275			
Max. Working Voltage	[KV] _{RMS}	$\sqrt{P_{70} \times R}$			
Max. Overload Voltage	[KV] _{RMS}	2			
Dielectric Withstanding Voltage IEC115-1 clause 4.7 (1(min))	[KV]	1.5			2.5

DIMENSIONS [mm]



Note: Terminal RV2-5

Type	Historical P/N:	A ⁺²	B ⁺¹	C ⁺¹	D ⁺²	G ⁺²	F	H ⁺⁵
RXL40A	-	80	36	13	70	60	0.75	300
RXL60A	RXL60	100	30	13	60	75		
RXL100B	-	130	42	20	118	102		
RXL200B	RXL120	182	42	21	165	156		

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PACKAGING

Type		RXL40A	RXL60A	RXL100B	RXL200B
Derating Linear	[°C]	70...300 (0W)			
Climatic Category		55/275/56			
Short Time Overload <i>IEC60115-1 clause 4.13</i> <i>($U=5 \cdot \sqrt{P_{70} \times R}$, 5[s])</i>	±[%]	2,0			
Endurance <i>IEC60115-1 clause 4.25</i> <i>(P_{70}, @ 70[°C], 1000[h])</i>	±[%]	3,0			
Robustness of Terminations <i>IEC60115-1 clause 4.16</i> <i>(≥ 45[kg], 10[s])</i>		2,0			
Resistance to Soldering Heat <i>IEC60115-1 clause 4.18</i> <i>(350[°C])</i>	±[%]	2,0			
Vibration <i>IEC60115-1 clause 4.22</i>	±[%]	2,0			
Marking <i>IEC60062</i>		Printed in clear			
Housing material		Aluminium			

PACKAGING

The standard packaging for RXL in axial type is bulk, dimensions below.

Type	Pack Code	SPQ
RXL40A	B = Bulk	16
RXL60A		16
RXL100B		6
RXL200B		6